

U.S. Pat. App. Ser. No. 10/720,368

Docket No. 036653/0120421

Amendment and response to 3/29/2005 Office Action

This section, "ABSTRACT", found on page 12 of the application, will replace all prior versions of sections of this name in the application:

Amendment Section of Specification:

ABSTRACT

A combination fill and safety valve has a cap that accepts and incorporates an advanced safety valve with an incorporated fill valve stopper replacement that incorporates a safety valve. In a preferred embodiment, the valve is comprised of a valve cup and a modified screw cap with an integrated advanced safety valve/stopper that is inserted into the hole in the valve cup and held in place by the modified screw cap. In a preferred embodiment, the advanced safety valve/stopper is inserted into the fill valve hole in the screw valve chassis of the valve cup. The advanced safety valve/stopper fits snugly against the lip of the valve chassis in order to provide an airtight seal when the screw cap is tightened. The advanced safety valve/stopper also includes a safety cap that fits snugly into the safety valve hole. The modified screw cap has a hole through which the safety cap protrudes when the fill valve is closed, in order to allow opening and closing of the safety valve. To initiate fill valve operation as a fill valve, the modified safety cap is unscrewed and the advanced safety valve/stopper is removed from the valve hole in the valve cup, thereby allowing air to be freely passed into and/or out of the inflatable through the valve fill hole. To initiate safety valve operation as a safety valve, the cap of the advanced safety valve/stopper safety valve is removed from the safety valve hole through which air enters and/or is made to exit the inflatable passes through the an interior check valve.

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